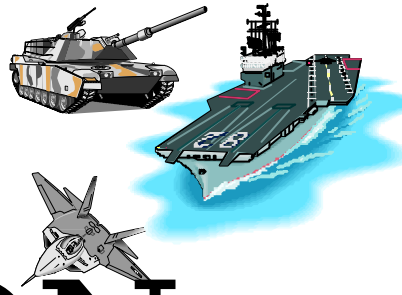
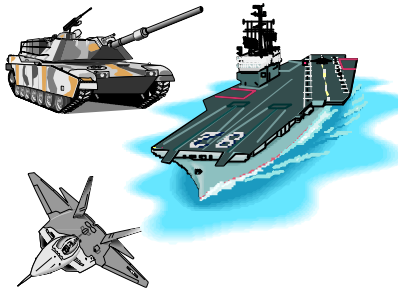


INTRODUCTION of PROPOSED DLSC CM PLAN to PSWG



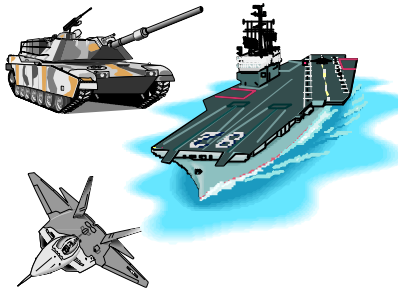
Definitions

Life Cycle:
All phases of the system's life including research, development, test and evaluation (RDT&E), production, deployment (inventory), operations and support (O&S), and disposal

Life Cycle Management:
A management process, applied throughout the life of a system, that bases all programmatic decisions on the anticipated mission-related and economic benefits derived over the life of a system

Configuration Management:
The technical and administrative direction and surveillance actions taken to identify and document the functional and physical characteristics of a configuration item (CI), to control changes to a CI and its characteristics, and to record and report change processing and implementation status. It provides a complete audit trail of decisions and design modifications

Source: Glossary of Defense Acquisition Acronyms and Terms, Department of Defense, Defense Systems Management College, Acquisition Policy Dept., Ft. Belvoir, VA, 8th edition, May 1997



Definitions (cont)

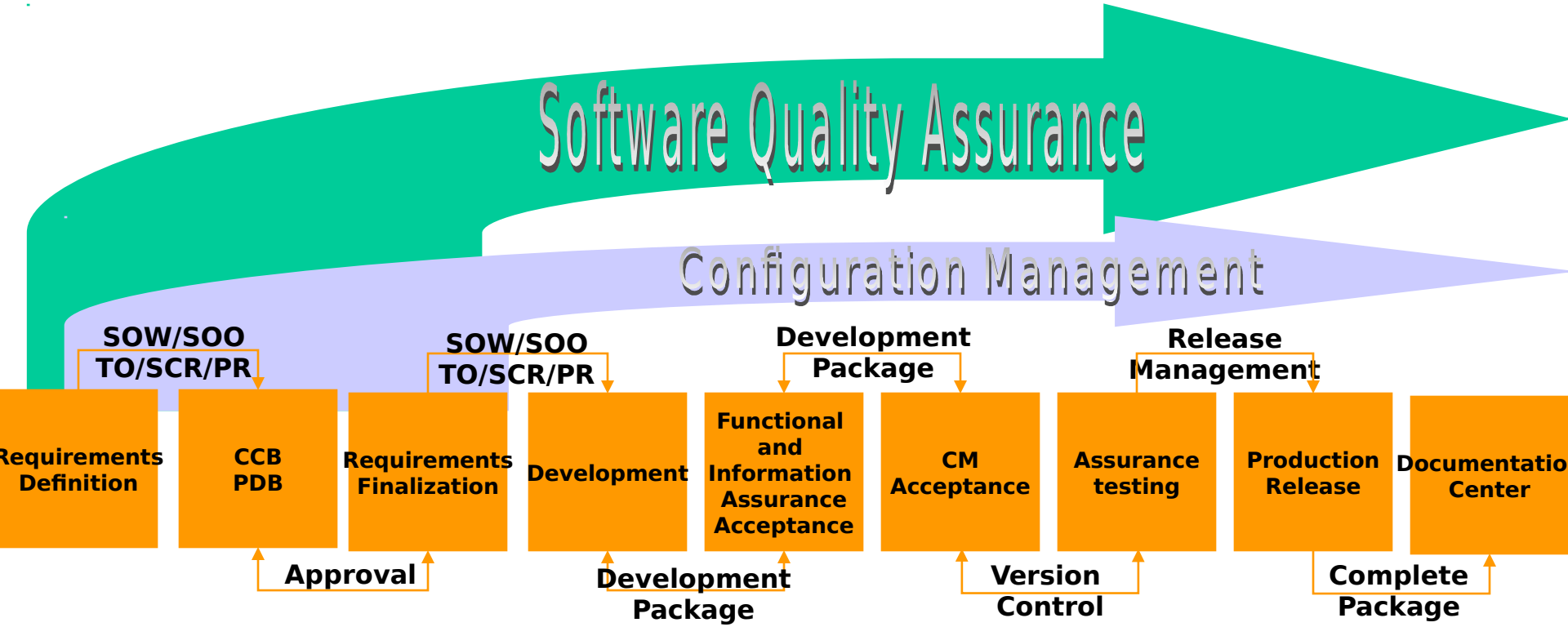
Baseline:
The CI at a critical pre-determined point in time

Configuration Items:
Both HW and SW (see chart, page 8, Corp CM Plan)

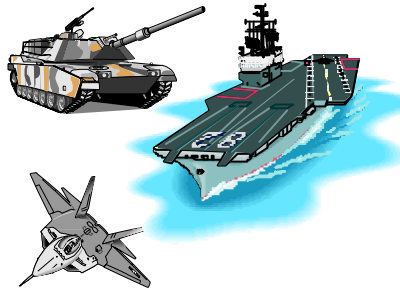
Glossary:
Use glossary, page 24, Corp CM Plan; to be updated as necessary

Project:
Any change to SW or HW that expends resources ($$, machine, people)

The CM Process



The CM LCM Process Defined



Block 1: Requirements Definition

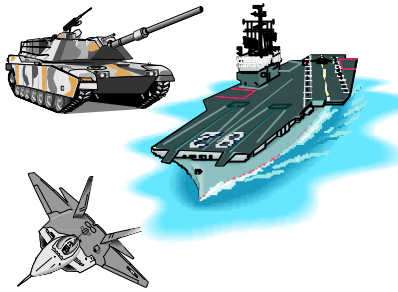
- BCAs
- Benefits Analysis
- Stove-piped processes (“top-driven” requirements)
- Coordination process

- Output: SCR/PR/TO/SP/RDD/OCD (Requirements/Functions documen

Block 2: CCB Approval Process

- CCB - Configuration Control Board (DLIS)
- PDB - Project Development Board (DLIS)
- TRB - Technical Review Board (DSCR)
- DRB - Design Review Board (DSIO-J)
- CMG - Configuration Management Group (DRMS)
- ITPSG - Information Technology Program Steering Group (DSCC)
- PSWG - Program Steering Work Group (DSCC)

- Output: Approved Concept Document (DLA approval)



The CM LCM Process Defined

Block 3: Requirements Finalization

- Detailed documents
- DLSC database input

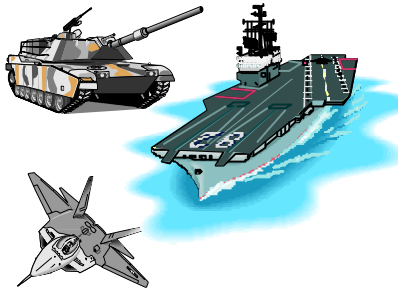
- Output:
  - CM/SQA/IA Plans (draft)
  - Project Definition Document
  - Requirements Definition Document
  - Contract award

Block 4: Development

- IPRs
- CCB Status Reporting
- SQA Development Document Reviews

- Outputs:
  - CM/SQA/IA Plans (final)
  - Development package
  - Product delivery from Developer

The CM LCM Process Defined

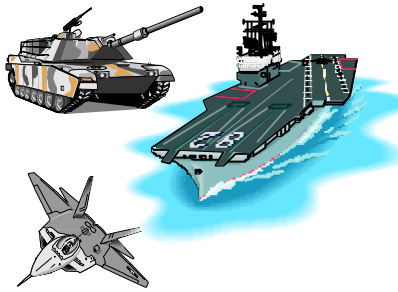


Block 5: Functional and IA Acceptance

- Testing of functionality by PM
- IA testing/review security requirements; web data

- Output:
  - Accreditation
  - Interim Authority to Operate
  - PM acceptance documentation
  - PM Test plans/results
  - User acceptance
  - Development package

The CM LCM Process Defined



Block 6: CM Acceptance

- Load CM Tool
- Verify documentation package
- All products available
- Signatures secured

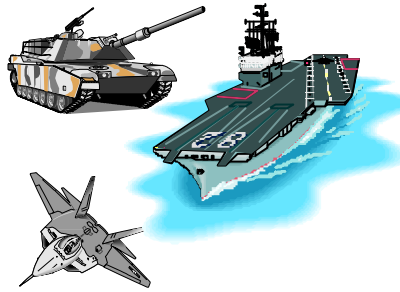
- Output:
  - All products under CM control
  - Development package

Block 7: Assurance Testing

- Execution of testing (assurance, integration, regression)
- Coordination of testing (interface with systems/customers)
- Independent test environment, database, repository
- Responsible for test plans, test results

- Output:
  - Validation of testing
  - Development package
  - Testing documentation/results

The CM LCM Process Defined



Block 8: Production Release

- CM Staging
- Operations release
- PM production verification of installation

- Output:
  - Pre-notification
  - Post-notification
  - Development package disbursement

Block 9: Documentation Center

- All documentation
- Release information